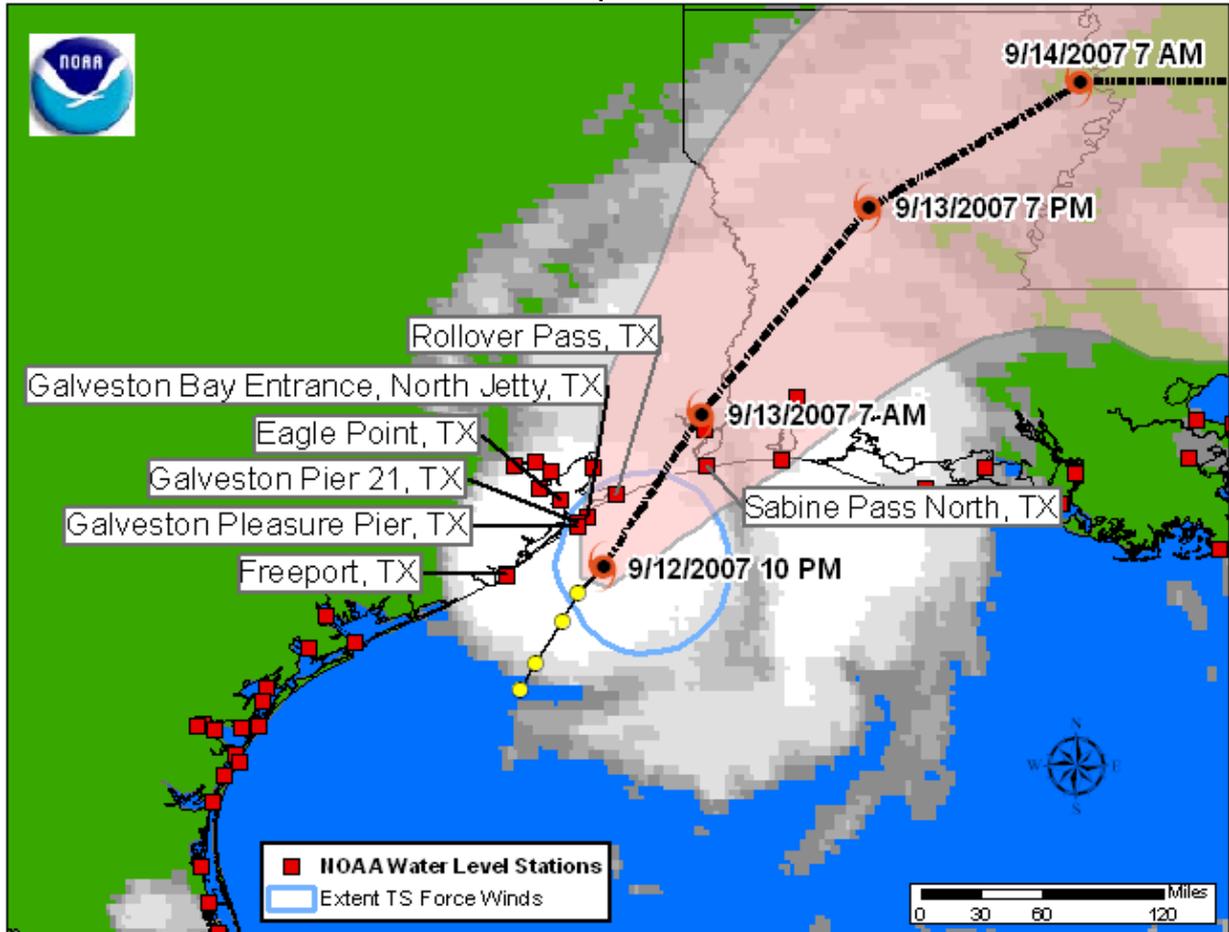




Tropical Storm HUMBERTO QUICKLOOK
Posted: 23:30 CDT 09/12/2007

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

Plots below update automatically.

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Landfall along the Texas coast, near High Island, is expected early Thursday 09/13/2007. Water levels in the Galveston Bay area are elevated to 1-2 ft above predicted. Barometric pressure is falling and wind speeds are increasing.

Water Level Observations on Mean Lower Low Water as of 09/12/2007 Wed 11:30 pm CDT:

Galveston Pier 21, TX ~ 1.93 ft (0.59 m) above predicted. Next high tide at 09/13/2007 Thurs 04:30 AM CDT.

Galveston Bay Entrance, North Jetty, TX ~ 1.79 ft (0.55 m) above predicted. Next high tide at 09/13/2007 Thur 4:00 AM CDT.

Galveston Pleasure Pier, TX ~ 1.39 ft (0.42 m) above predicted. Next high tide at 09/13/2007 Thur 04:14 AM CDT.

Eagle Point, TX ~ 1.24 ft (0.38 m) above predicted. High tide was at 09/12/2007 Wed 11:17 PM CDT.

Sabine Pass North, TX ~ 0.74 ft (0.12 m) above predicted. Next high tide at 09/13/2007 Thurs 04:29 AM CDT.

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SELECT **NATIONAL HURRICANE CENTER** ADVISORY INFORMATION:

HUMBERTO STRENGTHENS SOME MORE AS ITS CENTER APPROACHES THE UPPER TEXAS COAST

A TROPICAL STORM WARNING IS IN EFFECT
FROM EAST OF SARGENT TEXAS TO INTRACOASTAL CITY LOUISIANA.

AT 1000 PM CDT 0300Z THE CENTER OF TROPICAL STORM HUMBERTO WAS LOCATED NEAR LATITUDE 29.0 NORTH LONGITUDE 94.6 WEST OR ABOUT 25 MILES 40 KM SOUTH-SOUTHEAST OF GALVESTON TEXAS AND ABOUT 45 MILES 70 KM SOUTH-SOUTHWEST OF HIGH ISLAND TEXAS.

HUMBERTO IS MOVING TOWARD THE NORTH-NORTHEAST NEAR 6 MPH 9 KM/HR AND THIS GENERAL DIRECTION OF MOTION WITH SOME INCREASE IN FORWARD SPEED IS EXPECTED OVER THE NEXT 24 HOURS. ON THE FORECAST TRACK THE CENTER SHOULD BE CROSSING THE UPPER TEXAS COAST WITHIN THE WARNING AREA EARLY ON THURSDAY.

NATIONAL WEATHER SERVICE DOPPLER RADAR OBSERVATIONS INDICATE THAT THE MAXIMUM SUSTAINED WINDS HAVE INCREASED TO NEAR 65 MPH 100 KM/HR WITH HIGHER GUSTS. SOME ADDITIONAL STRENGTHENING IS POSSIBLE OVER THE NEXT SEVERAL HOURS AND WINDS COULD BE APPROACHING HURRICANE FORCE OVER A SMALL AREA CLOSE TO WHERE THE CENTER CROSSES THE COAST.

TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 60 MILES 95 KM FROM THE CENTER.

ESTIMATED MINIMUM CENTRAL PRESSURE IS 995 MB 29.38 INCHES.

RAINFALL AMOUNTS OF 5 TO 10 INCHES ARE EXPECTED ALONG THE TRACK OF HUMBERTO THROUGH EASTERN TEXAS AS WELL AS WESTERN AND CENTRAL LOUISIANA WITH ISOLATED MAXIMUM ACCUMULATIONS OF 15 INCHES POSSIBLE.

COASTAL STORM SURGE FLOODING OF 3 TO 4 FEET ABOVE NORMAL TIDE LEVELS CAN BE EXPECTED NEAR AND TO THE EAST OF WHERE THE CENTER MAKES LANDFALL.

ISOLATED TORNADOES ARE POSSIBLE IN SOUTHEASTERN TEXAS AND SOUTHWESTERN LOUISIANA THROUGH EARLY THURSDAY.

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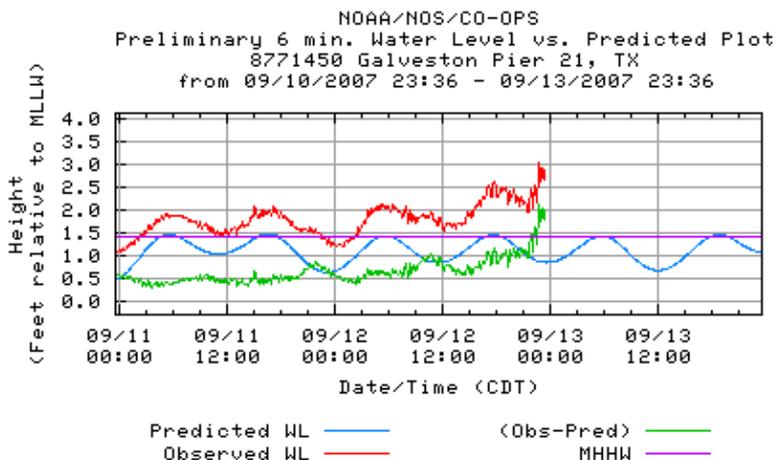
For additional data, please see www.tidesandcurrents.noaa.gov. For more information on the Storm Quicklook product, please see www.tidesandcurrents.noaa.gov/quicklook.shtml. For flood-related watches and warning in effect along the coasts of Texas and southwestern Louisiana, including in Galveston Bay please see National Weather Service at www.srh.noaa.gov/hgx.

Water level analyst: ND

For the purpose of timely release, data contained within this QUICKLOOK have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

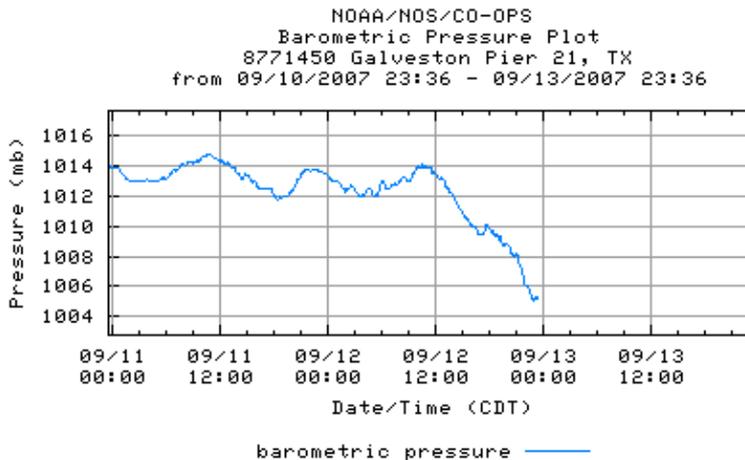
Jump to: [Galveston Pier 21 - Water Level](#), [Galveston Pier 21 - Barometric](#), [Galveston Bay Entrance, North Jetty - Water Level](#), [Galveston Bay Entrance, North Jetty - Barometric](#), [Galveston Pleasure Pier - Water Level](#), [Galveston Pleasure Pier - Barometric](#), [Eagle Point - Water Level](#), [Eagle Point - Barometric](#), [Sabine Pass North - Water Level](#), [Sabine Pass North - Barometric](#), [Galveston Pleasure Pier - Winds](#), [Eagle Point - Winds](#), [Galveston Bay Entrance, North Jetty - Winds](#),

Galveston Pier 21, TX - Station Map [Return to List](#)



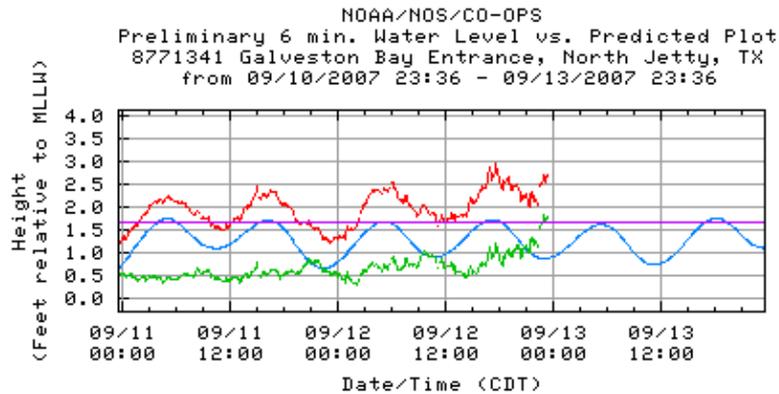
Last Observed Sample: 09/12/2007 23:24 (CDT)
 Relative to **MLLW**: **Observed: 2.68 ft. Predicted: 0.87 ft. Residual: 1.81 ft.**
 Historical Maximum Water Level: 09/08/1900, 12.11 ft. above **MHHW**

Galveston Pier 21, TX - Station Map [Return to List](#)



Last Observed Sample: 09/12/2007 23:24 (CDT)
Barometric Pressure: 1005.3 mb

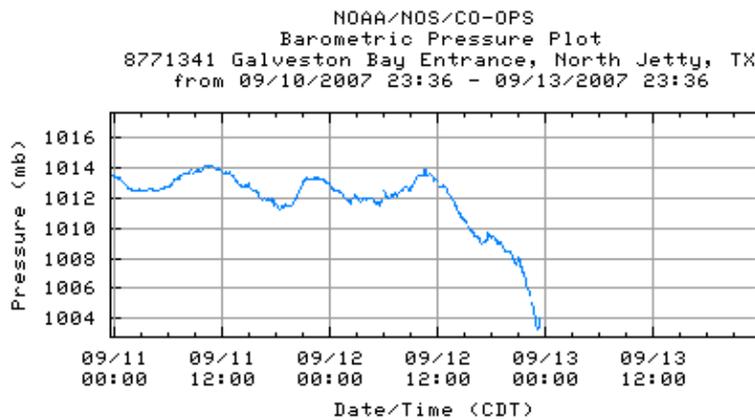
Galveston Bay Entrance, North Jetty, TX - Station Map [Return to List](#)



Predicted WL ——— (Obs-Pred) ———
 Observed WL ——— MHHW ———

Last Observed Sample: 09/12/2007 23:24 (CDT)
 Relative to **MLLW**: **Observed: 2.68 ft. Predicted: 0.90 ft. Residual: 1.78 ft.**
 Historical Maximum Water Level: n/a

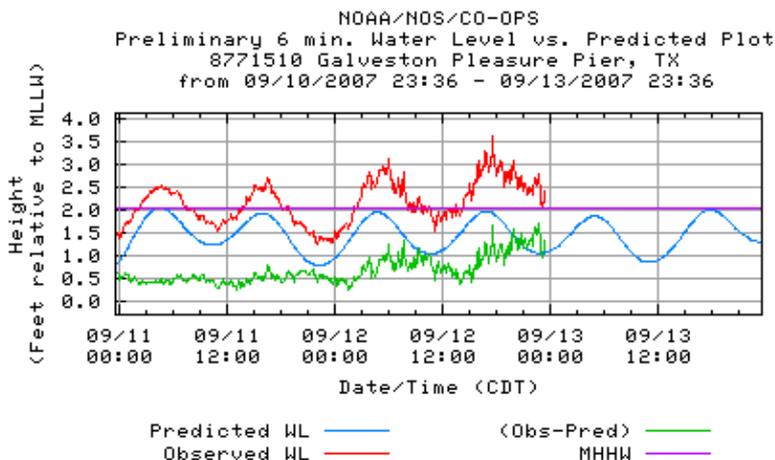
Galveston Bay Entrance, North Jetty, TX - Station Map [Return to List](#)



barometric pressure ———

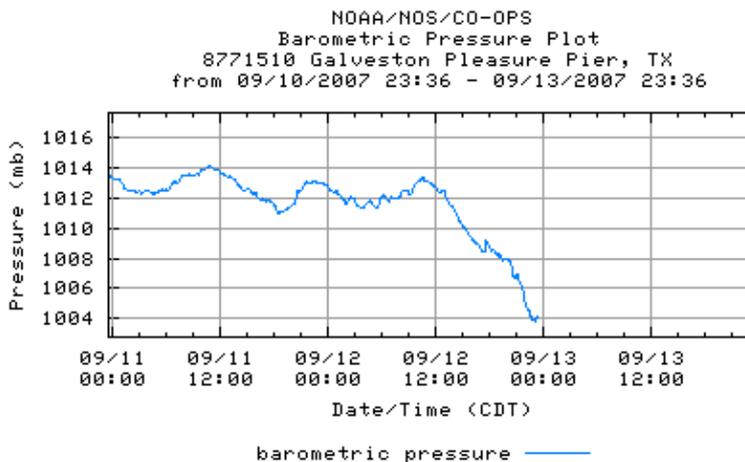
Last Observed Sample: 09/12/2007 23:24 (CDT)
Barometric Pressure: 1004.1 mb

Galveston Pleasure Pier, TX - Station Map [Return to List](#)



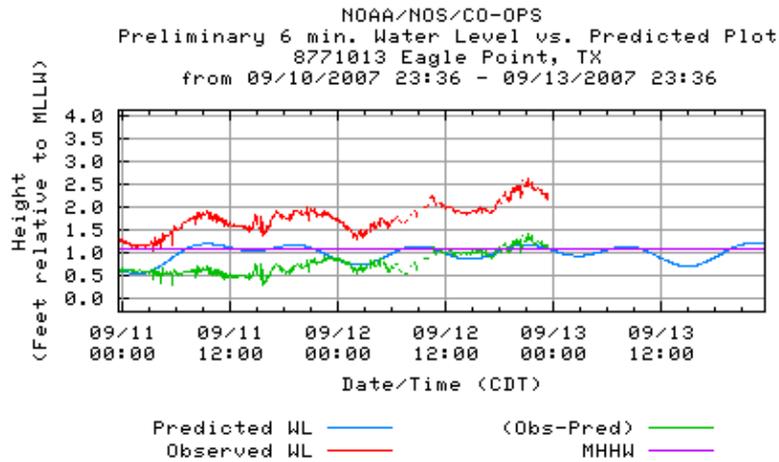
Last Observed Sample: 09/12/2007 23:24 (CDT)
 Relative to **MLLW**: **Observed: 2.42 ft. Predicted: 1.08 ft. Residual: 1.34 ft.**
 Historical Maximum Water Level: 09/11/1961, 7.16 ft. above **MHHW**

Galveston Pleasure Pier, TX - Station Map [Return to List](#)



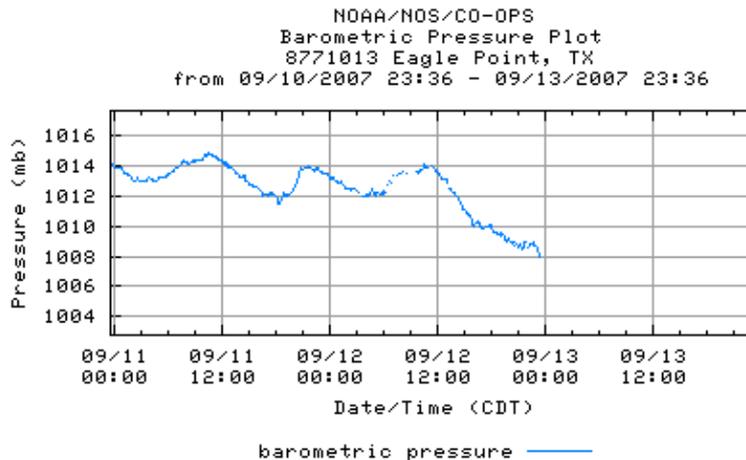
Last Observed Sample: 09/12/2007 23:24 (CDT)
Barometric Pressure: 1004.0 mb

Eagle Point, TX - Station Map [Return to List](#)



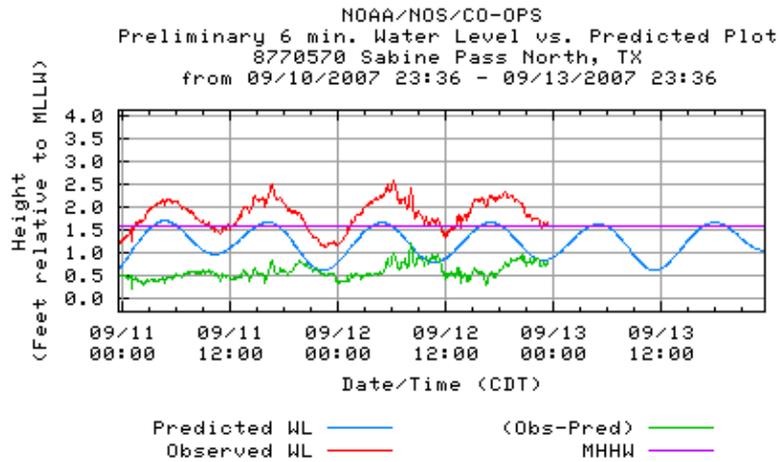
Last Observed Sample: 09/12/2007 23:24 (CDT)
 Relative to **MLLW**: **Observed: 2.30 ft. Predicted: 1.10 ft. Residual: 1.20 ft.**
 Historical Maximum Water Level: 09/10/1998, 3.58 ft. above **MHHW**

Eagle Point, TX - Station Map [Return to List](#)



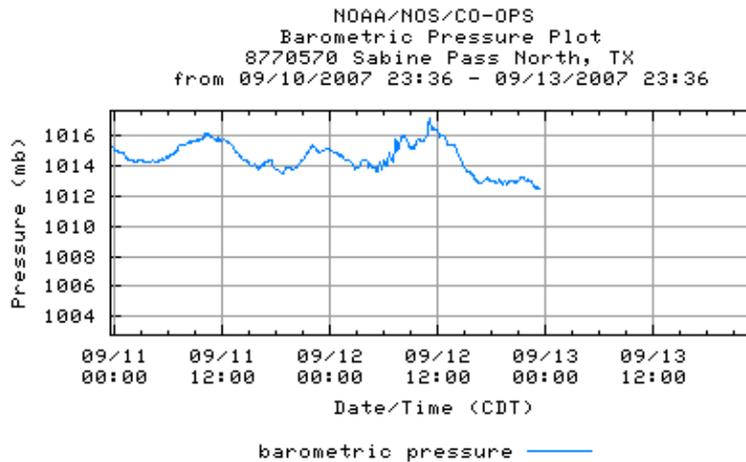
Last Observed Sample: 09/12/2007 23:24 (CDT)
Barometric Pressure: 1008.0 mb

Sabine Pass North, TX - Station Map [Return to List](#)



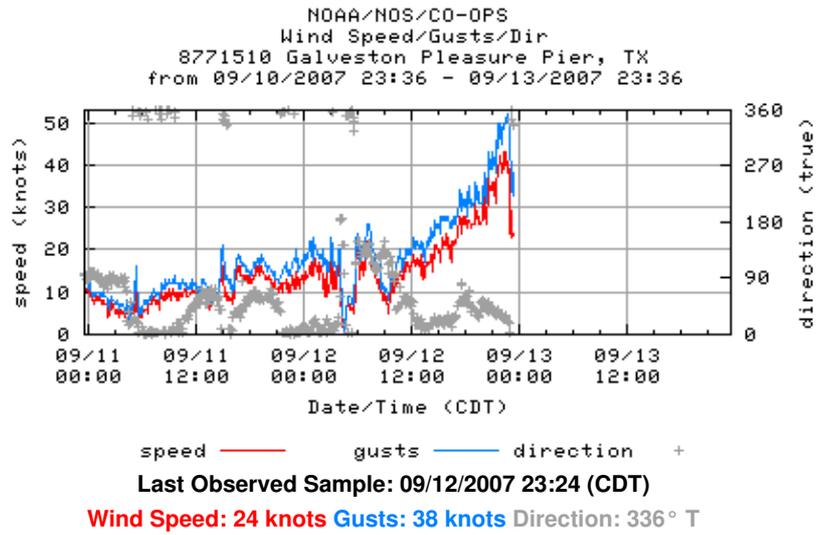
Last Observed Sample: 09/12/2007 23:24 (CDT)
 Relative to **MLLW**: **Observed: 1.66 ft. Predicted: 0.86 ft. Residual: 0.80 ft.**
 Historical Maximum Water Level: 09/11/1998, 3.32 ft. above **MHHW**

Sabine Pass North, TX - Station Map [Return to List](#)

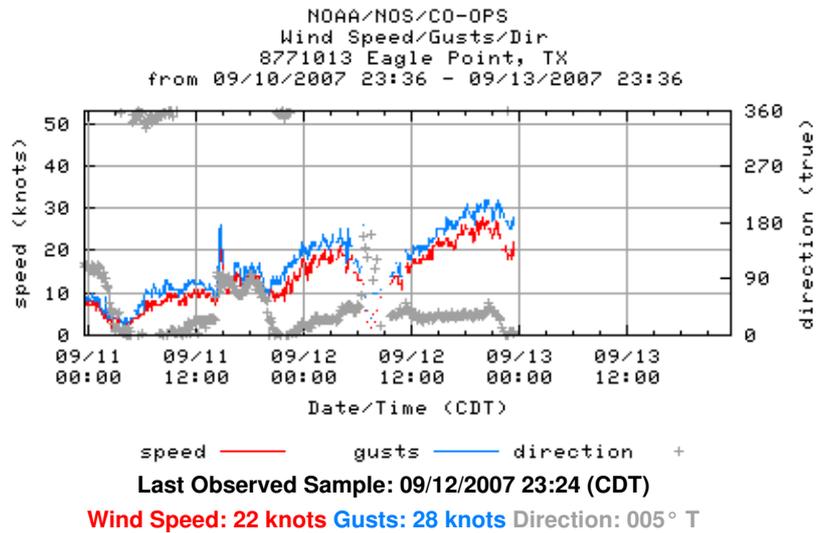


Last Observed Sample: 09/12/2007 23:24 (CDT)
Barometric Pressure: 1012.4 mb

Galveston Pleasure Pier, TX - Station Map [Return to List](#)

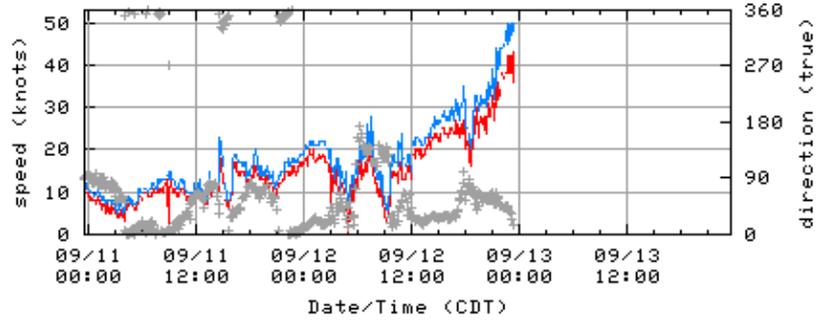


Eagle Point, TX - Station Map [Return to List](#)



Galveston Bay Entrance, North Jetty, TX - Station Map [Return to List](#)

NOAA/NOS/CO-OPS
Wind Speed/Gusts/Dir
8771341 Galveston Bay Entrance, North Jetty, TX
from 09/10/2007 23:36 - 09/13/2007 23:36



speed — gusts — direction +

Last Observed Sample: 09/12/2007 23:24 (CDT)

Wind Speed: 36 knots Gusts: 48 knots Direction: 015° T

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce